STEAM
Electronic Cigarettes

STM-1
User's Manual

WARNING:
You must be of legal smoking age to buy or use this product.

STEAM
Electronic Cigarettes

Thank you for Choosing STEAM STM-1 Advanced Vaping System!

Your STM-1 Advanced Vaping Device is packed with with advanced features. Compare to other devices of similar catagory, STM-1 offers higher output power to produce more vapor and brings out the flavor of your eLiquid. In addition to its great performance, STM-1 is also enhanced with complete protection circuit design. It protects not only the device itself, but the atomizer and even the battery as well. In the event of a glitch, the device stops automatically to prevent your device and accessories from damage. Please read this manual carefully to enjoy the most out of your new device.

Understanding your new STM-1

Battery cap. Screw or unscrew cap to install or remove battery
STM-1 uses Flat-top 18650 size Li-Ion rechargable battery cell (1 piece)
Removable top cap for easy cleaning
Anti-slip rubber grip
Fire / Menu control button
LED display
Atomizer connector. Screw in you atomizer here.
Please use only atomizer with 510 threading

If you have a STM-1 Deluxe kit

The Deluxe kit includes:

1 unit	STM-1 Main Unit
2 units	Samsung ICR18650-26F (2600mah) Li-Ion rechargable batteries
1 unit	HG-106Li Single slot Battery Charger (for 18650 type battery)

Use only 18650 Flat-Top Batteries

If you have the STM-1 Deluxe Kit, it should come with two Samsung ICR-18650-26F Li-Ion rechargable batteries. Samsung ICR-18650-26F is considered a very reliable Li-Ion battery. With capacity of 2600mah, it can last about 1.5~2 days (or more) on STM-1 when fully charged. Two batteries allow you to rotate bewteen charging. We recommend rotating batteries daily, even though battery is still half full. It can extend the life span of the battery.

For some of you may have concerns about the possiblitity of battery explosion, STM-1 is designed with 4 amp limitation on its internal ciruit board. In any rare event when battery current becomes extreme, STM-1 will stop function before battery explode. Of course, we still strongly recommend you to use good quality 18650 batteries to protect your device.

Step 1 - Fully Charge your battery

Fully charge your new battery can extend the life span of your battery.

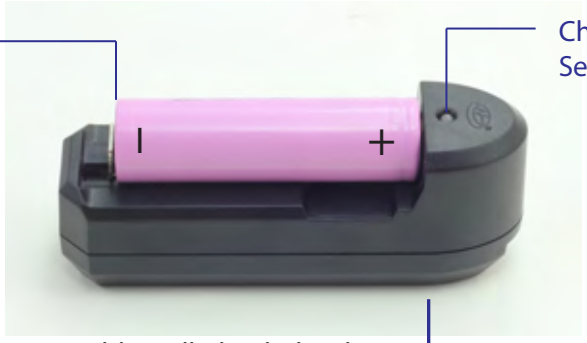
Most 18650 Li-Ion batteries come with only partially charged. It is strongly recommended to fully charge your battery before first use.

If you have the STM-1 Deluxe Kit, one of the 18650 battery is already installed to the STM-1 Main unit. For shipping safety, we have placed a round sticker on the Negative (-) end of the battery to prevent accidental power ON. Please remove the sticker before initial charging.

Step 1 - Fully Charge your battery (continued)

Please note that it could take several hours to charge a 18650 Li-Ion battery, depending on the charger you have. The HG-106Li charger included in our Deluxe kit takes approx. 7 hours to charge a battery to full.

To charge with HG-106Li charger, push the metal tab down until you can place the 18650 battery into the slot. The positive (+) end of the battery should be on the same side where charger LED light is located. For Samsung 18650 battery included in the deluxe kit, the positive (+) end can be identified by a white circle around the positive contact point.



White circle on battery
positive (+) end on Samsung battery

During charging process,

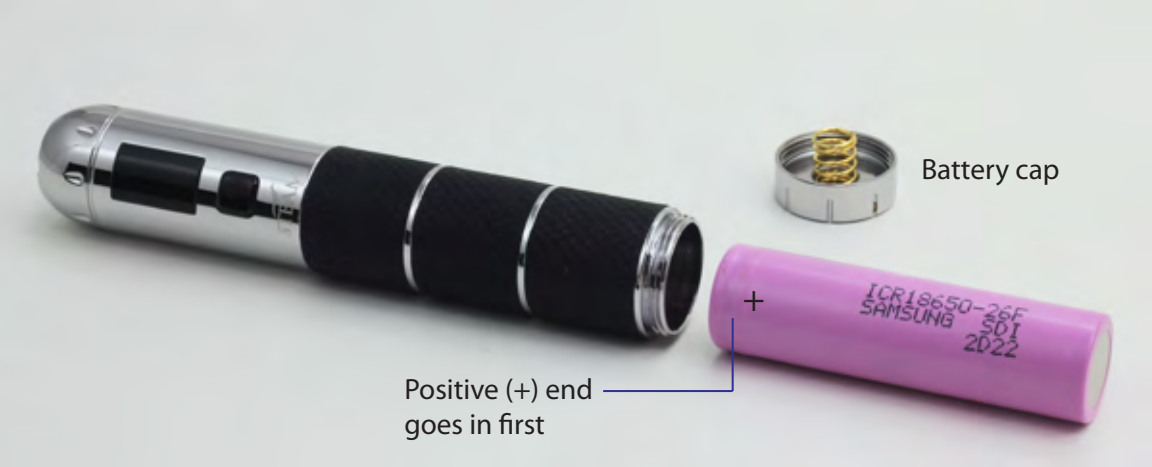
When LED is steady Red = Charging
When LED is blinking Red = Rapid Charging (controlled by charger automatically)
When LED is Green and blinks Red in every 1~2 seconds = Charge complete
* Sometimes when charge is completed, the LED could also turn directly to steady Green Light (no Red blinks).

HG-106Li charger is designed with auto shut off function after battery is fully charged. You don't have to worry about over charging.

During charging process, the battery and charger may feel a little warm. This is normal. In any event, if you find battery or charger become very hot to touch, you should stop charging immediately as you could have a malfunction charger or battery. Please also note that only Li-Ion batteries can be used on this charger.

Step 2 - Insert fully charged Battery to STM-1 main unit.

Unscrew the battery cap, insert the 18650 battery with positive (+) end (the side with white circle) goes in first. Screw the battery cap back on.



Step 3 - Fill your atomizer with E-Liquid and screw atomizer to STM-1

STM-1 is compatible with most 510 threaded atomizers in the market. For example, Protank and Vivi Nova. Please follow the instruction of your atomizer to fill your E-Liquid.

Example of STM-1 with Protank atomizer mounted

Atomizer with 510 thread on the bottom

Step 4 - Menu setting

To enter menu selection, click button 3 time quickly, we will see:

or This indicates that you are in menu selection.

In menu selection, if nothing is pressed within 2 seconds, STM-1 will resume back to "Vape Ready" mode

To scroll around the menu, you will need to continue clicking the button once entering the menu selection. Each click will bring you to the next selection. There are total 9 selections:

Voltage Up ***or*** Wattage Up ***(depending if you are in voltage or wattage mode)***

Voltage Down ***or*** Wattage Down ***(depending if you are in voltage or wattage mode)***

System On/Off

Voltage Check

Display change

LED On/Off

Voltage/Wattage Mode

NER/RMS mode

Puff Record

Once you click to the desire selection and wait for 2 seconds, the current setting value will appear. You can click one more time to change the setting to next value. If no response after 2 seconds, the system resume to "Vape Ready" mode automatically.

Step 4 - Menu setting (continued)

To switch between Voltage and Wattage Variable Mode

3 quick clicks to enter menu selection. Keep clicking until you see

Wait for 2 seconds, the LED will display current mode you are in.

If , it means you are in Voltage Mode. Within 2 seconds, click once to change it to Wattage Mode

If , it means you are in Wattage Mode. Within 2 seconds, click once to change it to Voltage Mode

After changing to your desired setting, wait for 2 seconds and system will resume to "Vape Ready" mode.

To increase Voltage or Wattage

3 quick clicks to enter menu selection.

If you are in Voltage Mode, you will see . Wait for 2 seconds, the LED will display your current voltage setting , for example means your voltage is set to 3.0 volt. Click the button once within 2 seconds will increase it to the next value. Voltage setting can be adjusted from 3.0 volt to 6.0 volt. Each click is 0.1 volt increment.

If you are in Wattage Mode, you will see . Wait for 2 seconds, the LED will display your current wattage setting , for example means your wattage is set to 3.0 watt. Click the button once within 2 seconds will increase it to the next value. Wattage setting can be adjusted from 3.0w to 15.0w. Each click is 0.5w increment.

Once set to your desire value, wait 2 seconds and system will resume back to "Vape Ready" mode.

Please note that STM-1 has higher output power than other 18650 type vaping devices. We suggest that you start from the lowest setting (3.0 volt and 3.0 watt) and gradually increase when needed.

Step 4 - Menu setting (continued)

To decrease Voltage or Wattage

3 quick clicks to enter menu selection. One more click to get to the selection or

If you are in Voltage Mode, you will see . Wait for 2 seconds, the LED will display your current voltage setting , for example means your voltage is set to 3.0 volt. Click the button once within 2 seconds will decrease it to the next value. Voltage setting can be adjusted from 3.0 volt to 6.0 volt. Each click is 0.1 volt increment.

If you are in Wattage Mode, you will see . Wait for 2 seconds, the LED will display your current wattage setting , for example means your wattage is set to 3.0 watt. Click the button once within 2 seconds will decrease it to the next value. Wattage setting can be adjusted from 3.0w to 15.0w. Each click is 0.5w increment.

Once set to your desire value, wait for 2 seconds and system will resume to "Vape Ready" mode.

To turn System ON and OFF

3 quick clicks to enter menu selection. Continue clicking until you see

Wait for 2 seconds, the LED display will show indicating System is ON, or for System OFF

Within 2 seconds, each click on the button will switch between and

After making your selection, wait for 2 seconds to resume to "Vape Ready" Mode

Note : When System is OFF, STM-1 will stop producing any vapor when the button is pressed. You will see on LED display instead. To turn it back ON, repeat this procedure.

Step 4 - Menu setting (continued)

To check battery voltage

3 quick clicks to enter menu selection. Continue clicking until you see

Wait for 2 seconds, the LED display will show current battery voltage.

For example, indicates that your battery voltage is currently 3.5 volt.

To change display

3 quick clicks to enter menu selection. Continue clicking until you see

Wait for 2 seconds, the LED display will show your current setting of display,

dispalys the current voltage output of your atomizer

displays the current voltage of your battery

displays the resistance of your atomizer

Within 2 seconds, click on the button to scroll to the setting you desire.

Once you have made your selection, wait for 2 seconds and system will resume to "Vape Ready" mode.

After this setting is done, everytime when you press Fire Button to vape, you will see the current reading of information you selected to display.

Step 4 - Menu setting (continued)

To turn display ON/OFF

3 quick clicks to enter menu selection. Continue clicking until you see

Wait for 2 seconds, the LED display will show your current setting

indicates that your LED display is set to ON,

indicates your LED display is set to OFF.

Within 2 seconds, click on the button to switch between ON and OFF. Once you have made your selection,

wait for 2 seconds and system will resume to "Vape Ready" mode.

When LED display is OFF, the LED will not light up when you press button to vape.

To change between NER and RMS mode

3 quick clicks to enter menu selection. Continue clicking until you see

Wait for 2 seconds, the LED display will show your current vaping mode setting

(NER) is the true output mode. Your STM-1 will output according to the values you have set.

(RMS) is a reduced output mode. STM-1 reduces 16%~25% of output from your true output setting.
Setting to RMS mode is better for small capacity atomizers like CE4, CE5 or CE6

Within 2 seconds, click on the button to switch between NER and RMS modes. Once you have made your selection,

wait for 2 seconds and system will resume to "Vape Ready" mode.

Step 4 - Menu setting (continued)

To show and reset Puff Record

3 quick clicks to enter menu selection. Continue clicking until you see

Wait for 2 seconds, the LED display will show the current count of puffs you took since your last reset.

Puff record can only count to 999, then back to 1.

To reset your puff record, click on the button within 2 seconds. The display will show

Wait for 2 seconds and system will resume to "Vape Ready" mode.

The Puff record counter will start counting from 1.

Other display symbols and indications

In certain situations, you may see following symbols on your STM-1.

indicates that atomizer output port is short circuit. You will need to replace your atomizer or coil head

indicates that your battery is low. You will need to recharge your battery.

indicates that the current input wattage is higher than 9.0 volt. STM-1 is limited to 9.0 volt maximum.

Step 5 - Using STM-1

Once your STM-1 is set up completely, you can start to enjoy vaping.
Insert the atomizer mouth piece to your mouth. Press and hold the button will start producing vapor. If your LED display is set to ON, you shall see the LED display light up with current reading you set to display.
To stop producing vapor, simply release the button. The LED display goes back to dark.

STM-1 is designed with Overload Protection feature. If you press and hold the button for more than 10 seconds, the device cuts off automatically. This feature protects your atomizer and battery from being damage.

When battery level falls below 5%, STM-1 will display

to warn you that the battery is low. You will need to recharge the battery immediately.

It is strongly adviced NOT to modify, repair or temper with your STM-1 or your batteries, as it could result in serious injury or even explosion!!! STEAM Electronic Cigarettes is not responsible for such incident occured.

Maintaining your STM-1

After using your STM-1 for some time, it is recommended to clean the atomizer connector (inside 510 threading hole) to ensure good conductivity between your STM-1 and atomizer. Using a cotton swab moistened with Isopropyl Alcohol is very effective to clean the small amount of E-Liquid leaked out from Atomizer's bottom air hole.

To extend the life of your 18650 Li-Ion battery, we recommend charging your battery periodically, even if you plan not to use your STM-1 for extended period of time.